



STATE OF HAWAII
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
HAWAII OCCUPATIONAL SAFETY & HEALTH DIVISION
BOILER AND ELEVATOR INSPECTION BRANCH

Princess Keelikolani Building, 830 Punchbowl Street, Room 423, Honolulu, Hawaii 96813

INSTRUCTION SHEET FOR APPLICATION FOR INSTALLATION PERMIT

Instructions

Please completely fill out the APPLICATION FOR INSTALLATION PERMIT.

The **Delivery Information** section below lists various delivery options. Please select the most convenient method and submit the completed form accordingly.

Please remember to sign and date the form before submitting it.

Delivery Information

Delivery by U.S. Mail or In-Person

Department of Labor and Industrial Relations, Hawaii Occupational Safety & Health Division
Princess Keelikolani Building, 830 Punchbowl Street, Room 423, Honolulu, Hawaii 96813

Delivery via Fax

Department of Labor and Industrial Relations, Hawaii Occupational Safety & Health Division
(808) 586-9150



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APPLICATION FOR INSTALLATION PERMIT

Application Date _____

Project Name				
Project Address			City	State Zip Code
Phone No. ()		Email		
Name of Installer (if other than the applicant)				
Address of Installer			City	State Zip Code
C-4 License No.		Expiration Date		
Contact Person at Site	Position/Company		Phone No. ()	
1. Are all minimum clearances met (see page 3)? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, please state reason(s):				
2. Is there any other boiler or pressure vessel at this project address? <input type="checkbox"/> Yes <input type="checkbox"/> No				
3. HAW / HHB / HPV No. or National Board No. of object to be replaced				
4. Disposition of object to be replaced (name, address and phone no. of new owner/user)				
Type of Object	Application Fee		Quantity	National Board No.
	Initial Installation	Retrofit (same size/capacity)		
1. Power Boiler				
a) over 3000 sq.ft.	\$750.00 each			
b) >500, <3000 sq.ft.	\$400.00 each			
c) less than 500 sq.ft.	\$250.00 each			
d) Mini Electric	\$190.00 each			
2. Heating Boiler (air/hot water tank, etc.)	\$190.00 each	\$160.00 each		
3. Pressure Vessel (unfired)	\$175.00 each	\$130.00 each		
4. Sterilizer/Kettle (unfired)	\$150.00 each	\$110.00 each		

APPLICATION FOR INSTALLATION PERMIT

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GUIDELINES

1. C-4 License is not required for the installation of an air tank or hot water storage tank.
2. The Boiler Inspection Branch shall be notified upon relocation, transfer of ownership, or sale of the above vessel, as required by law.
3. If the object is for personal use, disregard numbers 5, 6, and 7 below.
4. The National Board Number should be copied from the vessel's nameplate.
5. Obtain a copy of the manufacturer's data report and attach it to this application.
6. A layout / drawing showing all the clearances around the object shall accompany this application.
7. Determine the total application fee from the above table and make check payable to: **Director, Budget & Finance.**
8. The application will not be processed unless the application fee is received. **Your Canceled Check Is Your Receipt.**
9. Mail application and check to: State Of Hawaii, Department Of Labor And Industrial Relation, HIOSH / Boiler And Elevator Inspection Branch, 830 Punchbowl Street, RM. 423, Honolulu, HI. 96813

BY SIGNING BELOW, THE APPLICANT ACCEPTS THE RESPONSIBILITY OF ASSURING THAT THE PROPOSED INSTALLATION PROJECT MEETS ALL THE REQUIREMENTS OF THE HAWAII BOILER SAFETY STANDARDS.

Applicant

Company Name			
Street		City	State
Signature		Position/Title	
C-4 License		Expiration Date	

FOR DEPARTMENT USE ONLY	
Approved by	Inspection Date
Permit No.	By
Date	
Comments	

APPLICATION FOR INSTALLATION PERMIT

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MINIMUM CLEARANCES

All boilers and pressure vessels shall have a safety relief valve that is ASME/NB approved and rated for the appropriate service. The set pressure of the safety relief valve shall be equal to or below the maximum allowable working pressure (MAWP) of the vessel.

Pressure Vessels

Clearance requirements - 5' from the manways; 3' from the handholes and inspection openings; 18" from the vessel wall to the nearest permanent structure.

For air service:

Size - any vessel greater than 5 cubic feet in volume or 37.4 gallons.
Minimum pressure gage range - 1.5 times the pressure relief valve setting.
Maximum pressure gage range - 3 times the pressure relief valve setting.
PVC plastic piping is prohibited.

For hot water service:

Size - any tank greater than 120 gallons.
1 thermometer and 1 pressure gage or a combination temperature/pressure gage.
Minimum pressure gage range - 1.5 times the maximum allowable working pressure.
Maximum pressure gage range - 3 times the maximum allowable working pressure.

Heating Boilers

Clearance requirements - 5' from the manways, 3' from the handholes and operating controls, 18" from the vessel wall to nearest permanent structure.

For hot water service:

Gas fired - greater than 200,000 btu heat input.
Oil fired - greater than .024 gpm or 1.43 gallons/hour.
Electric - greater than 58.6 kw input.

1 thermometer and 1 pressure gage or a combination temperature/pressure gage.
Minimum pressure gage range - 1.5 times the maximum allowable working pressure.
Maximum pressure gage range - 3 times the maximum allowable working pressure.

For low pressure steam service (0 - 15 psi):

Minimum pressure gage range - 0-30 psi.
Maximum pressure gage range - 0-60 psi.